N. B. Gov't P.

ANNUAL REPORT

OF

THE FIRE MARSHAL

FOR THE PROVINCE OF

NEW BRUNSWICK

STATISTICS, 1960

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TO HIS HONOUR,
THE HONOURABLE J. LEONARD O'BRIEN, P.C.
Lieutenant-Governor of the Province of New Brunswick.

May it please Your Honour:—

I have the honour to submit herewith the Annual Report of the Fire Marshal, Province of New Brunswick, for the calendar year ended December 31st, 1960.

I have the honour to be,
Sir,

Your obedient servant,

LOUIS J. ROBICHAUD, Q.C.
ATTORNEY-GENERAL.

HON. LOUIS J. ROBICHAUD, Q.C.,

Attorney-General,
Province of New Brunswick,

FREDERICTON, N. B.

Sir:—

Pursuant to Section 5 of the Fire Prevention Act, 1952, I have the honour to submit the Annual Report of the Fire Marshal for the year ending December 31st, 1960.

The recorded Fire Losses in New Brunswick compiled from Adjusted Reports received at this Office during the year are placed at $4,766,056, caused by 2,204 fires, as compared with a loss of $3,726,872, caused by 2,438 fires in 1959, an increase of $1,039,184 in the total loss, with a decrease in the number of fires recorded of 234. The report shows an increase of $670,468 in the Insured Loss and an increase of $368,716 in the Uninsured Loss.

Table No. 1 is as previously shown. No new Communities or Municipalities were added during the year.

Table No. 2 contains an analysis of the number of fires and losses as related to individual causes.

Table No. 3 contains an analysis of the number of fires and losses in the various occupancy classifications.

Table No. 4 contains a summary of losses as they are related to both occupancy classification and cause of fire.

Table No. 6 Population figures shown here are taken from the Official 1956 Census with the exception of the Town of Oromocto, where, due to rapid growth, these figures could not be applied. Per Capita losses are also shown here. It will be noted that the lowest recorded Per Capita Loss was 11 cents, while the highest was $71.62. The Provincial Per Capita Loss for 1960 is $8.45 as compared with $6.64 for 1959.

Table No. 7 shows that the fire waste in this Province for the past ten year period amounted to $35,042,094 with $10,036,290 not being covered by insurance.

Table No. 8 shows that 42 fires with a loss of $20,000.00 or over, caused a total loss of $3,167,961, an increase of 14 in the number of fires in this group and a loss increase of $1,314,943 as compared with the 1959 total of $1,853,018. Nine of these fires show individual losses of over $100,000 for a total of $1,895,657. Four of the nine occurred in dual Mercantile Occupancies, three in Industrial Plants, one in a combined Garage and Automobile Storage and one in a Stores Warehouse. The largest individual loss suffered in the Province during 1960 and the nearest to a conflagration, occurred in an Industrial Plant on Rothesay Avenue in the Parish of Simonds Fire District, Saint John County, total loss including exposures $424,889.

Table No. 9 This Table lists losses $25.00 and under. Although included as regular fires for accurate record purposes these losses are actually known as "nuisance fires" resulting chiefly from Careless Smoking, the damages being to Household Effects and personal articles such as clothing. Unfortunately, the necessity of recording such losses adds greatly to our number of fires. This year a total of 418 fires occurred out of the over-all total of 2,204, although the loss is only $7,397.

Table No. 10 shows 24 recorded fatalities for the year 1960 as compared with 17 for 1959, an increase of 7. These are distributed as follows—11 men, 3 women and 10 children. This Table also shows 9 persons injured—2 men, 3 women and 4 children, a decrease of 5 over 1959, or a combined total of 33 Fire Casualties for the year 1960 as compared with 31 for 1959, an increase of 2. The causes are clearly defined and indicate in most cases extreme carelessness and indifference to well advertised and publicized safety practices.

Table No. 2 shows that of the losses from known causes, the second highest loss sustained was Electrical, caused from 286 fires with a loss of $1,274,246,

followed by Heating Equipment and Installations caused by 547 fires and a loss of $864,150, which includes Chimneys, Flues, Pipes, etc. Smoking and Smokers carelessness were responsible for 778 fires, with a loss of $299,584. Children playing with Matches and careless handling of Matches caused 75 fires with a loss of $38,296. Losses by lightning to 110 Unrodded Buildings amounted to $27,495. Under Petroleum Products, Blow Torches and Welding Torches, 16 fires are recorded with a loss of $48,082, while improper handling and storage of Petroleum Products caused by 43 fires, the loss amounted to $105,743. In spite of all efforts to determine the actual cause of fires, fires of Unknown Origin leads fire losses for the year 1960 with a loss of $1,496,985, with a total of 179 fires recorded, a decrease in the number of fires over 1959 of 46, and an increase in the loss of $664,085. The decrease in the number of fires classified as Unknown is encouraging but there are still far too many fires in this category, calling for greater effort on the part of all concerned to determine the actual cause, bearing in mind that fires of suspicious character, unless there is sufficient evidence to class them as incendiary, must be shown in the Unknown classification.

Table No. 3 shows that in Protected areas 1,050 Dwelling fires caused a loss of $351,856, and Unprotected areas accounted for 703 fires with a loss of $708,-815, which includes losses to Farm Dwellings of $100,784. All other types of occupancies with their respective losses are listed in detail in this Table. It is noted that School fires increased by 1 over the total for 1959. The total for 1960 is 14. The total loss for 1960 is shown at $57,406 as compared with $141,827 for 1959, a substantial decrease of $84,421.

FIRE LOSSES GENERALLY

The detailed Statistics contained in this Report indicate that there has been nothing new added to the causes of fires. The element of human carelessness is still very evident. Homes and Dwellings are still the hardest hit. For instance, out of our Provincial Total of 2,204 fires in 1960, 1,753 occurred in homes.

Electricity, with a 1960 loss of $1,274,246, an increase of $490,291 over the 1959 figures, still remains one of the greatest causes of fire in this Province. With the constant adding to the heavy load already carried by old buildings wired years ago before the advent of appliances and gadgets, this can be expected. "Inadequate Wiring" accounts for 85% of all electrical fires. There is need for a complete study of the situation so that the facilities for using electrical energy can progress with the development and making available for use within the Province of additional supplies of power. Electricity itself should not be blamed for fires, it is man's carelessness and indifference in the manner in which he uses it that causes the trouble. It can still be classed as one of our chief fire problems that needs attention.

Every effort was made during the year to extend Fire Prevention Education in all its forms.—Much was accomplished and some new ventures tried out which promise good results. The two most important were first,—an attempt to interest Home and School Associations in this project. This now shows promise of succeeding. Secondly, through co-operation with Education authorities, arrangements were made for members of the Fire Marshal's Staff to lecture on Fire safety to student teachers at Teachers College to ensure that no future teacher will be without our assistance in this important training and enable them to pass it along to the students under their care when they assume their teaching responsibilities. Provision had already been made for such instruction and is found in Regulation 44 to the New Brunswick Schools Act. The first lectures will be given at Teachers College on April 14th and 17th of this year.

School Fire Safety and Fire Safety in Hospitals and other institutions received special attention and results have been excellent with no fires of any consequence occurring in any of our institutions, including our Private Nursing Homes and Homes for Senior Citizens and Children's Boarding Homes. No injuries or loss of life as a result of fire occurred in any of our Schools or other institutions. Our Hospital Safety Programme and our Licensing Regulations for homes for senior citizens or children are considered amongst the best in Canada. In fact, we have taken the lead in this work and shall not relax our efforts to improve all phases of safety in all of our institutions, public or private. It is a recognized fact that fire is a killer of the very young and the very old and our efforts to give greater protection to those in either category who must live in our institutions will not be lessened in any degree.

Our Film Library and Educational Literature services are constantly being improved and expanded to meet the demands of a growng population and the awareness of the public to the importance of fire prevention. It is unfortunate, however, that public apathy and indifference are the greatest difficulties to overcome in all safety work as can be so clearly seen by examining the causes of fires and casualties as shown in the detailed statistics of this report. Nowhere is this more evident than in cases where parents leave children alone in homes. Of the 10 children who lost their lives by fire in this Province during 1960, 6 of them were small children who were left alone by their parents, 5 of them members of one family. In both cases the parents were absent for only a few minutes visiting neighbours and there was no excuse for such absence.

There is a great need for Municipal Governments and fire officials to recognize fire prevention education as a most important part of their fire protection services and enter more energetically into this well adopted and proven system of reducing fire waste by fighting fires before they start by removing the cause. Much has been accomplished in this regard in the last few years but much more needs to be and can be accomplished in the years ahead by co-operative efforts on the part of all concerned.

The question of proper training for our many poorly financed volunteer fire departments continues to receive study. Proper guidance is given to all communities showing an interest in this important subject. The establishing of fire brigades or departments in those sections of our Province that for various reasons are still without this important service is given every possible assistance outside of financial. During the year four additional rural volunteer fire departments were organized bringing our total number of departments to 91. There is great need for the establishing of a Maritime or Atlantic Provinces Fire School or College with all four Provinces taking part to bring about the foundation of such an institution and provide the uniform modern methods of training our volunteer fire departments so sorely need but which they are unable to obtain chiefly due to financial reasons. Your Fire Marshal presented a detailed paper on this subject before the 1960 Maritime Fire Chiefs' Association Annual Meeting held at Corner Brook, Newfoundland, with the result that a committee representing all four Atlantic Provinces with your Fire Marshal as Chairman, was appointed to study all phases of the possibility. This study has been underway for some time and it is expected that progressive steps will be taken during 1961 and the results of our studies with recommendations submitted to our respective Governments for their consideration at a later date.

The Regulations calling for the licensing of Fire Extinguisher Salesmen and that all Fire Extinguishers sold in the Province must be of an approved type went into effect in February of 1960. They have been very well received and are assisting us greatly in ensuring that this type of equipment will do what is required of it and that the public is protected from the sometimes questionable methods of over-zealous salesmen. A total of 29 Fire Extinguisher Salesmen were licensed during the year.

The N.F.P.A. Fire Prevention Contest was fairly well observed. As usual our number of entries continues to be below that expected from a total of 91 Fire Departments or Brigades. The Cities of Saint John, Moncton, Edmundston and Campbellton and the Towns of Dalhousie and Oromocto were winners in this contest in their respective population categories. The Town of Dalhousie also received honourary mention in the list of Canadian entries.

During the year, membership was maintained in various National and International organizations which are considered important to our work. The Fire Marshal, or members of his Staff, attended a number of conferences in various parts of Canada where valuable information was gained. A two day fire prevention conference was held in the City of Fredericton in May. It was well attended and many important subjects discussed.

May I once again respectfully draw your attention to the record of home fires as shown in this Report. It speaks for itself, and although we can pass laws and regulations to control public places of assembly and institutional buildings of various types, the real question of fire prevention in the one or two family dwellings is for the home-owner himself. We can give him every assistance and shall continue to do so by every means at our disposal, but it is impossible, with our limited Staff, to inspect every home in this Province.

No changes were made in the Fire Marshal's Staff during the year. It still stands at a total of seven, consisting of the Fire Marshal, Senior Deputy Fire Marshal, three Deputy Fire Marshals, and two female employees consisting of one Secretary who is also in charge of Statistical Records and one Clerk Stenographer.

In conclusion, Sir, I wish to express appreciation of the support and co-operation received from all Government Departments, Insurance Companies, Insurance Adjusters, the Royal Canadian Mounted Police and Municipal Police Forces, the Fire Underwriters Investigation Bureau, the N. B. Board of Underwriters and all others with whom we have the pleasure to work. The splendid friendly co-operative relations existing between this Department and all Fire Chiefs and members of their Departments continued throughout the year. One cannot speak too highly of the service rendered by the Volunteer Fire Departments of this Province who contribute so greatly to the welfare of our Country. To my loyal and efficient Staff I extend my sincere thanks for a job well done. We look back on a year of accomplisment and look forward to a year of still greater effort in all the many and varied duties we perform.

I have the honour to be,

Sir,

Your obedient servant,

E. J. STURGEON,
Fire Marshal.

Fredericton, N. B.
March 1st, 1961.

TABLE No. 1

Showing the number of fires in the Province of New Brunswick, with the estimated amounts of losses suffered and amonuts covered by insurance for the year 1960

COUNTY	No. of Fires	Loss	Insurance Loss	Uninsured Loss
ALBERT COUNTY	25	$ 26,934	$ 20,080	$ 6,854
Albert Village				
Alma	2	292	292	
Coverdale				
Hillsboro	2	162	162	
Riverside	2	24	24	
CARLETON COUNTY	43	66,967	46,065	20,902
Bath	5	59,285	25,534	33,751
Bristol	5	7,151	5,272	1,879
Centreville	1	149	149	
Florenceville	1	149	149	
Hartland	10	450	450	
Woodstock	34	86,569	57,603	28,966
CHARLOTTE COUNTY	61	98,757	55,155	43,602
Milltown	18	2,760	2,760	
St. Andrews	10	1,514	1,514	
St. George	5	4,898	4,198	700
St. Stephen	31	70,780	27,480	43,300
GLOUCESTER COUNTY	94	332,848	232,778	100,070
Bathurst	38	113,901	113,211	690
Caraquet	5	20,585	20,585	
Grand Anse				
Shippegan	7	97,546	89,546	8,000
South Bathurst	2	103	103	
Tracadie	6	32,936	13,436	19,500
KENT COUNTY	9	55,696	25,504	30,192
Buctouche	5	47,740	30,785	16,955
Harcourt	1	3,000	2,000	1,000
Rexton	1	151	151	
Richibucto	4	676	676	
St. Louis de Kent				
KINGS COUNTY	32	122,280	86,019	36,261
Apohaqui	1	35	35	
Fair Vale	3	230	230	
Hampton Station	4	210	210	
Hampton Village	2	109	109	
Havelock				
Norton	3	435	435	
Pamdenec	3	639	639	
Penobsquis				
Quispamsis	2	55	55	
Rothesay	4	228	228	
Sussex	9	3,975	3,975	
MADAWASKA COUNTY	33	92,864	77,564	15,300
Clair	7	1,279	1,279	
Edmundston	96	37,749	29,504	8,245
Riviere Verte				
St. Basile	4	4,338	4,338	
St. Leonard	4	3,644	3,644	
NORTHUMBERLAND COUNTY	45	84,333	48,018	36,315
Blackville				
Boiestown	2	22,558	22,558	
Chatham	18	1,625	1,544	81
Doaktown	3	3,137	1,137	2,000
Douglastown	1	45	45	
Loggieville	3	6,779	5,779	1,000
Millerton				
Nelson and Chatham Head	1	49	49	
Newcastle	16	7,821	5,650	2,171
Rogersville	1	275	275	
TOTALS FORWARD	724	$1,516,715	$1,068,881	$ 457,734

TABLE No. 1—(Continued)

Showing the number of fires in the Province of New Brunswick, with the estimated amounts of losses suffered and amounts covered by insurance for the year 1960

COUNTY	No. of Fires	Loss	Insurance Loss	Uninsured Loss
BROUGHT FORWARD	724	$1,516,715	$1,068,881	$ 457,734
QUEENS COUNTY	28	55,288	33,799	21,489
Cambridge-Narrows	1	45,734	19,000	26,734
Chipman	11	2,840	2,749	91
Gagetown	1	50	50	
Minto	8	3,404	3,181	223
RESTIGOUCHE COUNTY	29	90,676	35,907	54,769
Atholville	14	16,533	16,533	
Campbellton	52	54,583	37,483	17,100
Colborne	3	5,435	4,135	1,300
Dalhousie	50	21,511	17,754	3,757
Eel River Crossing	6	15,891	8,537	7,354
Kedgwick	2	9,967	2,667	7,300
St. Quentin	4	638	638	
SUNBURY COUNTY	40	75,846	28,787	47,059
Fredericton Junction	2	195	195	
Oromocto	22	1,103	1,103	
SAINT JOHN COUNTY	81	666,335	477,680	188,655
East Saint John	15	630	630	
Lancaster	58	20,309	20,309	
Saint John City	343	870,516	726,923	143,593
St. Martins	3	471	471	
VICTORIA COUNTY	29	21,018	18,051	2,967
Andover	5	6,904	4,379	2,525
Drummond Hill				
Grand Falls	19	38,142	34,937	3,205
Grand Falls Hill				
Perth	7	57,377	38,242	19,135
Plaster Rock	13	5,583	2,783	2,800
WESTMORLAND COUNTY	39	62,202	45,345	16,857
Dieppe	12	1,544	1,544	
Dorchester	5	4,993	4,993	
Humphrey's Mills				
Lewisville	7	1,079	529	550
Memramcook	1	335	335	
Moncton	172	559,866	481,230	78,636
Petitcodiac	6	392	392	
Point du Chene	3	240	240	
Port Elgin	2	148,400	26,604	121,796
Sackville	12	3,120	3,120	
Salisbury				
Shediac	10	131,545	97,637	33,908
Sunny Brae				
St. Anselme				
St. Joseph				
YORK COUNTY	81	56,019	37,454	18,565
Canterbury	3	1,072	1,072	
Fredericton	208	113,772	112,582	1,190
Harvey Station	3	25,795	10,627	15,168
Marysville	23	4,902	4,902	
McAdam	10	5,822	3,900	1,922
Napadogan				
Nashwaaksis	35	30,974	24,917	6,057
Stanley	2	290	290	
TOTALS	2,204	$4,766,056	$3,463,617	$1,302,439

TABLE No. 2

Analysis of CAUSES OF FIRES for the Year 1960

Class No.	CAUSE	No. of Fires	Amount of Loss	Insurance Loss	Uninsured Loss
	ELECTRICAL				
1.	Appliances	54	$ 45,047	$ 39,047	$ 6,000
2.	Exposure to Appliance (Clothing)	46	6,418	6,418	
3.	Overloaded Circuits, Wiring, etc.	169	1,100,849	792,001	308,848
4.	Miscellaneous	17	121,932	95,077	26,855
5.	Lightning (Buildings Rodded)				
6.	Lightning (Buildings not Rodded)	110	27,495	20,595	6,900
	EXPOSURE				
7.	From Adjacent Buildings	22	194,595	140,909	53,686
8.	From Grass Fires, Bonfires, etc.	18	9,776	4,982	4,794
9.	From Forest Fires	5	9,847	9,832	15
10.	Miscellaneous				
11.	EXPLOSIONS				
11 A.	Fire Crackers, Sparklers, etc.	9	6,770	5,610	1,160
	HEATING EQUIPMENT AND INSTALLATIONS				
12.	Chimneys, Flues, Pipes, etc.	216	346,662	228,552	118,110
13.	Exposure to (Clothing, etc.)	25	32,605	15,207	17,398
14.	Insufficient Insulation				
15.	Natural and Artificial Gas	14	49,498	33,765	15,733
16.	Oil Burning Equipment	185	279,635	216,460	63,175
17.	Stoves, Furnaces, etc. (Solid fuel)	70	82,193	47,427	34,766
18.	Steam and Hot Water Pipes				
19.	Sparks on Roofs	33	73,395	71,345	2,050
20.	Miscellaneous	4	162	162	
	INCENDIARISM				
21.	Indictable Offences	1	800	800	
22.	Mischief (not amounting to arson)				
	OVERHEATING AND DISPOSAL				
23.	Ashes, Rubbish, etc.	14	8,039	4,898	3,141
24.	Friction	10	1,875	1,875	
25.	Grease, Oil, Wax, etc.	81	14,140	13,393	747
26.	Hot and Molten Metal				
27.	Spontaneous Ignition	15	36,323	24,973	11,350
	PETROLEUM PRODUCTS				
28.	Blow Torches and Welding Torches	16	48,082	41,082	7,000
29.	Cleaning Purposes				
30.	Improper Handling and Storage	9	9,678	9,678	
31.	Lamps, Candles, etc.	7	25,692	5,934	19,758
32.	Lighting fires with	2	660	60	600
33.	Miscellaneous	25	69,713	40,713	29,000
	SMOKING AND MATCHES				
34.	Children Playing with Matches	53	34,879	30,919	3,960
35.	Careless Handling of Matches	22	3,417	3,417	
36.	Smoking in Bed	30	2,451	2,451	
37.	Other Smokers Carelessness	708	297,133	259,536	37,597
	UNKNOWN				
38.	Intruders	22	44,788	19,039	25,749
39.	Other Unknown	179	1,496,985	1,114,153	382,832
40.	MISCELLANEOUS	13	284,522	163,307	121,215
	TOTALS	2,204	$4,766,056	$3,463,617	$1,302,439

TABLE No. 3

Classification of PROPERTIES DAMAGED by Fire, for the Year 1960

Class No.	CLASS OF PROPERTY	No. of Fires	Amount of Loss	Insurance Loss	Uninsured Loss
	ASSEMBLY (Group A)				
50.	Churches (Protected)	2	137	137	
51.	Churches (Unprotected)	2	12,050	1,050	11,000
52.	Churches Roman Catholic (Protected)	3	519	519	
53.	Churches Roman Catholic (Unprotected)	1	43,750	40,950	2,800
54.	Clubs and Lodge Rooms	13	44,564	32,109	12,455
55.	Community Halls	3	20,133	17,133	3,000
56.	Dance Halls				
57.	Rinks and Exhibition Buildings				
58.	Schools and Colleges (non-resid.)	14	57,406	40,897	16,509
59.	Theatres	3	39,154	24,554	14,600
60.	Miscellaneous				
	COMMERCIAL (Group C)				
61.	Laundries and Dry Cleaning	3	328	328	
62.	Office and Bank	7	24,897	21,455	3,442
63.	Public Garages and Service Stations	33	408,202	302,411	105,791
64.	Potato Warehouses	4	19,535	16,068	3,467
65.	Restaurants and Dining Halls	17	91,209	82,443	8,766
66.	Stores (Protected)	46	771,510	633,237	138,273
67.	Store Warehouses (Protected)	7	423,279	392,297	30,982
68.	Stores (Unprotected)	12	48,764	24,461	24,303
69.	Store Warehouses (Unprotected)	4	30,184	22,071	8,113
70.	Miscellaneous	19	362,247	258,341	103,906
	MANUFACTURING (Group C)				
71.	Factories (Protected)	7	414,980	175,524	239,456
72.	Factories (Unprotected)	6	154,698	130,048	24,650
72 A.	Seafood Packing Establishments	2	5,000	5,000	
73.	Saw Mills	7	152,154	114,058	38,096
73 A.	Wood Working Plants				
74.	Sawn Lumber				
75.	Warehouses				
76.	Miscellaneous	13	103,794	98,824	4,970
	INSTITUTIONAL (Group B)				
77.	Homes for Children and Old People				
78.	Hospitals and Sanatoria	1	350	350	
79.	Prisons, Gaols and Asylums				
80.	Miscellaneous	1	256	256	
	RESIDENTIAL (Group D)				
81.	Apartment and Rooming Houses	94	198,286	154,286	44,000
82.	Dwellings (Protected)	1,050	351,856	279,420	72,436
83.	Dwellings (Unprotected)	619	608,031	385,225	222,806
84.	Dwellings—Farm	84	100,784	63,516	37,268
85.	Hotels	28	51,023	33,523	17,500
86.	Residential Colleges, Schools, etc.	2	3,224	3,224	
87.	Summer Cottages, Tourist Camps	20	68,216	39,955	28,261
88.	Miscellaneous	2	2,200	2,200	
	ACCESSORY (Group E)				
89.	Barns	29	67,745	25,475	42,270
90.	Detached Buildings and Sheds	15	13,096	9,651	3,445
91.	Private Garages	13	8,600	6,430	2,170
92.	Miscellaneous	10	9,901	7,688	2,213
	MECHANICAL (not stored)				
93.	Automotive	5	6,928	4,928	2,000
94.	Machinery	1	46,526	13,035	33,491
95.	Marine	2	540	540	
	TOTAL	2,204	$4,766,056	$3,463,617	$1,302,439

TABLE No. 4

SUMMARY OF FIRE LOSSES BY MAJOR CAUSES AND OCCUPANCIES IN NEW BRUNSWICK DURING 1960

ITEMS	ORIGINATING CAUSES	ASSEMBLY	COM-MERCIAL	GARAGES	MANU-FACTUR-ING	RESI-DENTIAL	MISCEL-LANEOUS	TOTAL 1960	TOTAL 1959
		50 — 60	61 — 70	63	71 — 76	77 — 88	89 — 95		
1-2-3-4	Electrical	$ 89,593	$ 605,867	$ 31,738	$310,279	$ 225,972	$ 16,190	$1,279,639	$ 793,541
5-6	Lightning	279				20,256	6,960	27,495	29,866
8-9	Forest and Grass Fires	100			9,432	7,779	2,312	19,623	64,698
12	Chimneys, Flues, Pipes, etc.	12,791	71,861	242	570	261,334	101	346,899	177,488
13-20	Heating Equipment	2,779	101,913	101,144	57,939	180,296	1,846	445,917	414,126
19	Sparks on Roofs		2,685		65,340	5,634		73,659	191,002
21-22	Incendiarism						800	800	14,221
23	Hot Ashes, Coals, Rubbish		71		810	1,164	5,994	8,039	19,429
25-26	Hot Grease, Oil, Metal, etc.	124	241			15,041		15,406	23,016
27	Spontaneous Ignition					27,473	8,850	36,323	34,780
28-33	Petroleum Products	300	1,633	65,168	31,424	25,581	4,112	128,218	65,137
31	Open Lights, Candles, etc.	237				25,455		25,692	2,857
34-37	Smoking and Matches	44,789	125,592	140	887	161,910	7,025	340,343	478,225
38-39	Unknown	66,371	697,934	209,770	95,328	415,681	95,767	1,580,851	895,235
40	Miscellaneous	350	164,156		258,617	10,650	3,379	437,152	523,251
	TOTAL 1960	$217,713	$1,771,953	$408,202	$830,626	$1,384,226	$153,336	$4,766,056	
	TOTAL 1959	$321,885	$ 807,681	$159,019	$828,174	$1,459,626	$150,487		$3,726,872

TABLE No. 5

Summary of Fires in New Brunswick, for Years 1958, 1959, 1960

Month	1958				1959				1960			
	No. Fires	Property Loss	Insurance Loss	Loss not covered by Insurance	No. Fires	Property Loss	Insurance Loss	Loss not covered by Insurance	No. Fires	Property Loss	Insurance Loss	Loss not covered by Insurance
January	174	$ 106,948	$ 76,090	$ 30,858	260	$ 303,097	$ 203,877	$ 99,220	239	$ 427,258	$ 297,558	$ 129,700
February	157	211,096	142,137	68,959	260	338,830	256,849	81,981	179	506,518	358,760	147,758
March	177	368,702	337,961	30,741	237	297,158	214,487	82,671	230	785,781	574,737	211,044
April	248	333,365	248,544	84,821	223	258,027	202,379	55,648	202	213,817	160,053	53,764
May	224	307,102	200,232	106,870	225	500,320	377,758	122,562	182	306,423	213,881	92,542
June	141	157,772	115,997	41,775	153	161,985	117,612	44,373	168	532,815	440,146	92,669
July	173	186,036	124,575	61,461	157	229,695	193,525	36,170	186	338,238	231,960	106,278
August	159	177,876	122,247	55,629	198	585,800	403,217	182,583	156	185,117	127,631	57,486
September	172	592,657	382,505	210,152	149	169,791	128,445	41,346	149	163,419	124,289	39,130
October	146	259,000	185,499	73,501	169	346,744	256,659	90,085	154	519,136	286,606	232,530
November	167	229,334	156,390	72,944	160	141,737	103,203	38,534	181	543,693	438,066	105,627
December	258	262,047	182,418	79,629	247	393,688	335,138	58,550	178	243,841	209,930	33,911
	2,196	$3,191,935	$2,274,595	$ 917,340	2,438	$3,726,872	$2,793,149	$ 933,723	2,204	$4,766,056	$3,463,617	$1,302,439

TABLE No. 6

COMPARATIVE LOSSES IN MUNICIPALITIES, 1960

MUNICIPALITY	Estimated Population (1956 Census)	Property Loss 1960	Loss Per Capita 1960	Average Annual Loss Per Capita 1956-60
BATHURST	5,267	$113,901	$21.63	$13.01
CAMPBELLTON	8,389	54,583	6.50	14.24
CHATHAM	6,332	1,615	.26	3.53
DALHOUSIE	5,468	21,511	3.93	9.67
EDMUNDSTON	11,997	37,749	3.15	3.17
FREDERICTON	18,303	113,772	6.22	10.44
GRAND FALLS	3,672	38,142	10.39	10.55
MARYSVILLE	2,538	4,902	1.93	2.00
MILLTOWN	1,975	2,760	1.40	2.93
MONCTON	38,479	559,866	14.55	10.76
NEWCASTLE	4,670	7,821	1.67	13.50
SAINT JOHN	52,491	870,516	16.58	8.53
ST. ANDREWS	1,534	1,514	.99	1.28
LANCASTER	12,371	20,309	1.64	4.40
OROMOCTO	10,000	1,103	.11	———
ROTHESAY	802	228	.28	———
ST. GEORGE	1,322	4,898	3.70	1.96
ST. LEONARD	1,593	3,644	2.29	5.11
ST. STEPHEN	3,491	70,780	20.27	20.06
SACKVILLE	2,849	3,120	1.09	10.19
SHEDIAC	2,173	131,545	60.54	14.73
SHIPPEGAN	1,362	97,546	71.62	———
SUSSEX	3,403	3,975	1.17	10.03
WOODSTOCK	4,308	86,569	20.09	15.27
DIEPPE	3,876	1,544	.40	1.22
HARTLAND	1,022	450	.44	16.44

COMPARATIVE LOSSES

	Estimated Population	Property Loss 1960	Loss Per Capita, 1960	Loss 1959
Six N. B. Cities	142,030	$1,656,795	$11.67	$ 843,382
Twenty N. B. Towns	67,657	597,578	8.83	663,735
Rural	354,268	2,511,683	7.09	2,219,755
Provincial Per Capita Loss	563,955	$4,766,056	$ 8.45	$3,726,872

TABLE No. 7

FIRE LOSSES IN NEW BRUNSWICK FOR TEN YEARS, 1951-1960 Inclusive

Year	No. Fires	Property Loss	Insurance Loss
1951	1,862	2,865,881	1,950,709
1952	1,840	3,320,340	2,313,858
1953	1,983	2,993,167	1,993,033
1954	2,055	2,683,195	1,915,552
1955	2,250	3,127,983	2,226,173
1956	2,232	3,918,448	2,642,121
1957	1,824	4,448,217	3,432,997
1958	2,196	3,191,935	2,274,595
1959	2,438	3,726,872	2,793,149
1960	2,204	4,766,056	3,463,617
	20,884	$35,042,094	$25,005,804

TABLE No. 8

CHIEF FIRES FOR THE YEAR 1960 — $20,000.00 and Over

DATE	OCCUPANCY	LOCATION	Property Loss	Insured Loss	Presumed Cause
Oct. 21/59	Add'l to Peat Moss Plant — (Peat Moss Storage Shed)	Shippegan, Gloucester County	$ 65,340	$ 65,340	Sparks on Roof
Jan. 2/60	Power & Paper Co. Mill	Bathurst	100,747	100,747	Electric Short Circuit in Electric Motor
Jan. 8/60	Apartment Dwelling and Exposure	Nashwaaksis, York County	29,014	22,957	Oil Burning Furnace
Jan. 5/60	Retail Stores, Offices and Warehouses, etc. and Exp.	Moncton	291,700	265,924	Unknown
Jan. 9/60	Public Garage	Boiestown, North'd County	22,558	22,558	Welding Torch
Jan. 11/60	Non-Residential School	Perth, Victoria County	44,994	29,026	Electrical
Jan. 15/60	Printing Office and Exposures	Woodstock	57,250	32,769	Chimney Fire
Jan. 17/60	Telephone Exchange	Westfield, Kings County	96,000	71,000	Overheated Electrical Motor ignited wall
Jan. 21/60	Rooming House, Stores and Exposures	Campbellton	28,350	11,250	Clothes hanging close to Gas Range
Jan. 24/60	Mercantile Stores	Saint John	160,670	154,988	Unknown
Feb. 3/60	Public Garage	Tracadie, Gloucester County	32,585	13,085	Ignited Gasoline Fumes
Feb. 9/60	Dwelling — Dr's. office	Moncton	39,467	22,000	Unknown
Feb. 24/60	Apartment Building	Moncton	25,500	17,000	Electric Wiring
Feb. 28/60	Upholstery Shop, Apt. Dwg. Merc. Stores and Contents	St. Stephen	31,156	7,686	Unknown
Feb. 29/60	Electrical Shop, Apartments and Exposures	Bath, Carleton County	53,050	20,295	Electrical
Mar. 5/60	Bulk Storage Plant	Moncton	25,429	18,596	Propane Heater
Mar. 9/60	Printing Business and Manufacture of Cartons and Warehouse Exposure	Rothesay Ave. Parish of Simonds, Saint John Co.	424,889	268,552	Miscellaneous (Cement Wall collapsing)
Mar. 8/60	Stores, Bank, Restaurant and Apartments	Shediac	127,747	94,339	Electrical
Mar. 26/60	Restaurant, Stock and Dwellings	Rothesay Ave., Parish of Simonds, Saint John County	43,573	38,225	Careless Smoking
April 14/60	Theatre	Buctouche, Kent County	39,000	24,400	Undetermined
April 18/60	Drug Store, Novelty Shop and Apartments and Stock	Moncton	28,213	28,213	Cigarette

TABLE No. 8 (Continued)

CHIEF FIRES FOR THE YEAR 1960 — $20,000.00 and Over

DATE	OCCUPANCY	LOCATION	Property Loss	Insured Loss	Presumed Cause
April 21/60	Saw Mill	Sunbury, Sunbury County	31,085	5,000	Spark from Mill
May 8/60	Dwelling	Turgeon, Restigouche County	20,440	4,500	Overturned Oil Lamp
May 13/60	Public Garage	Moncton	82,144	69,414	Oil Burning Equipment
June 11/60	Boat Building Plant and Store	Caraquet, Gloucester County	20,000	20,000	Unknown
June 12/60	Restaurant and Dwelling	Rothesay Ave., Parish of Simonds, Saint John County	33,227	30,065	Cigarette
June 21/60	R. C. Church	Connors, Madawaska County	43,750	40,950	Unknown
June 18/60	Storage Building	East Bathurst	26,628	20,512	Undetermined
July 1/60	Candy Mfg. Plant and Exposure (Dwg.)	Salmon Beach, Gloucester County	61,331	51,252	Defective Wiring
July 2/60	Sportsmen's Club and Dwg. Apartments	Saint John	36,058	25,133	Cigarette
July 11/60	Public Garage and Service Station	Harvey Station, York County	25,463	10,295	Unknown
Aug. 9/60	Hotel	Chamcook, Charlotte County	39,000	21,500	Faulty Flue
Aug. 14/60	Dwelling	St. Stephen	21,030	10,100	Unknown
Sept. 2/60	Public Garage and Service Station, Machinery, Warehouse, Tire Plant and Exposures	Saint John	242,023	143,081	Unknown
Sept. 3/60	Grist Mill, Warehouse and Exposures	Fredericton	32,673	32,673	Unknown
Sept. 13/60	Store Warehouse	Saint John	286,084	274,935	Short Circuit in Wiring
Oct. 1/60	Can and Shook Factory	Port Elgin, West'd County	148,296	26,500	Short Circuit in Wiring
Oct. 2/60	Summer Cottage and Exposures	Carron Point, Gloucester County	37,603	24,696	Unknown
Oct. 24/60	Grocery Store and Stock, Public Serv. Station, Stores Warehouse, etc.	Cambridge, Queens County	45,734	19,000	Faulty Oil Furnace
Oct. 14/60	Stores Warehouse and Exposure	Rothesay Ave., Parish of Simonds, Saint John County	113,491	99,658	Unknown
Dec. 4/60	Dwelling	Shippegan, Gloucester County	21,100	15,100	Spontaneous Ignition
Dec. 12/60	Mercantile Store and Apartment Building	Fredericton	33,559	33,559	Overheated Hot Plate
			$3,167,961	$2,306,873	

NOTE: These 42 large fires $20,000.00 and over accounted for $3,167,961 of our total Provincial loss of $4,766,056.—Four of them located in the Parish of Simonds Fire District, Saint John County, accounted for a total loss of $615,180.

TABLE No. 9

Number of Petty Losses, Cigarette Scorches, etc., occasioning damage to Furniture, Clothing and Personal Effects of $25.00 or less.

Number Fires	Property Loss	Insurance Loss
418	$7,397.00	$7,397.00

NOTE:—
See reference to this Table in the remarks portion of the opening pages of this Report under heading Table No. 9.

TABLE No. 10

STATEMENT OF FATALITIES, 1960

ORIGINATING CAUSE	Men	Women	Children	Total
Trapped in Office Building		1		1
Gas Stove ignited Clothing hung to dry	1			1
Smoking in Bed	6			6
Oil Lamp Overturned	2			2
Children playing with Matches (Poor Housing Conditions)	1		2	3
Spark from Wood Burning Stove ignited Woodbox		1		1
Clothing Ignited from Outside Rubbish Fire			1	1
Using Kerosene Oil to Bolster Kitchen Stove fire			1	1
Using Mixture of Gasoline and Kerosene to ignite Brush Fire	1			1
Children left alone in home by Parents (Believed wood burning stove in each case)			6	6
Bedding ignited from Electric Hot Plate		1		1
	11	3	10	24

STATEMENT OF INJURED, 1960

ORIGINATING CAUSE	Men	Women	Children	Total
Using Kerosene to light fire in Kitchen Wood burning stove			1	1
Gasoline used for Cleaning purposes — Fumes ignited	1	1	1	3
Gasoline Fumes ignited by Children playing with Cigarette Lighter			2	2
Propane Gas Hot Water Heater explosion (Poor installation)		1		1
Flooded Oil Stove (Heater)	1			1
Smoking in Bed		1		1
	2	3	4	9

TABLE No. 11

Report of Inspections Made By Fire Marshal's Staffs, 1960

COUNTY	Inspections	Re-Inspections	Conditions Remedied	Investigations	F. M. Orders Served	Organization Meetings and Lectures
ALBERT	36	30	12	19	—	6
CHARLOTTE	38	25	14	30	—	1
CARLETON	40	6	14	19	2	—
GLOUCESTER	70	44	30	24	6	12
KENT	30	18	14	8	—	3
KINGS	30	9	10	14	1	4
MADAWASKA	210	100	44	22	—	4
NORTHUMBERLAND	46	20	19	26	3	0
QUEENS	30	6	12	20	—	4
RESTIGOUCHE	60	34	28	31	3	1
SUNBURY	20	18	18	14	—	0
SAINT JOHN	48	30	34	30	2	0
VICTORIA	70	45	35	31	3	1
WESTMORLAND	100	45	40	35	2	8
YORK	34	18	18	14	1	0
	862	448	342	337	23	44

PROSECUTIONS ENTERED DURING YEAR
CRIMINAL CODE

Charged	6
Convicted	4
Dismissed	2
Pending	Nil

FIRE PREVENTION ACT

Charged	1
Convicted	1

INSPECTION OF PUBLIC BUILDINGS, FIRE PREVENTION EDUCATION ACTIVITIES and LIGHTNING ROD ACT ENFORCEMENT

Hospitals Inspected	24
Plans of Buildings examined	78
Schools Inspected	200
Theatres Inspected	16
Dance Halls Inspected	12
Nursing and Homes for Aged Inspected	40
Boarding Homes for Children	49
Hotels Inspected	11
Churches Inspected	4
Fire Prevention Lectures — Schools and Public	53
Number of Film Showings	104
(Classification of Film Showings — Schools — 25	
Hospitals — 20	
Other — 59	
104	
Number of persons in attendance at Lectures, etc	9,000
Literature Distributed	120,000
Civil Defence Lectures and Meetings	Nil
Lightning Rod Inspections (1959-60 installations)	214
Miscellaneous Inquiries and Requests	550
Lightning Rod Licenses Issued	11
Fire Extinguisher Salesman Licenses Issued	29
Overdue Hotel License Fees collected	13
Coroners Inquests involving Fire Deaths	6

FIRE PROTECTION INCREASES

Rural Districts Organized	3
New Fire Departments Organized	3
New Pumpers placed in action	11
New Alarm Systems Installed (Public and Private)	24